

RAW SEQUENCE LISTING

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Application Serial Number: 10/540,539
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/540,539

DATE: 07/11/2005

TIME: 15:07:49

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 Output Set: N:\CRF4\07112005\J540539.raw

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3 <110> APPLICANT: ZHOU, Rouli
4     SHAO, Genze
5     LIU, Xinrong
6     ZHANG, Qingyun
7     RUI, Jingan
8     ZHANG, Ye
9     JIN, Yueying
10    LIN, Ming
11    ZHANG, Sha
13 <120> TITLE OF INVENTION: HUMAN CANCER-RELATED GENE, ITS ENCODED PRODUCTS AND
APPLICATIONS
15 <130> FILE REFERENCE: 062331-5002-US
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/540,539
C--> 17 <141> CURRENT FILING DATE: 2005-06-24
17 <150> PRIOR APPLICATION NUMBER: PCT/CN2003/001109
18 <151> PRIOR FILING DATE: 2003-12-24
20 <150> PRIOR APPLICATION NUMBER: CN 03109786.3
21 <151> PRIOR FILING DATE: 2003-04-21
23 <150> PRIOR APPLICATION NUMBER: CN 02158110.X
24 <151> PRIOR FILING DATE: 2002-12-24
26 <160> NUMBER OF SEQ ID NOS: 8
28 <170> SOFTWARE: PatentIn version 3.3
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31 <211> LENGTH: 954
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
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40 ggtatcgagg aggcaggccc gcggggcgcac gggcgagcgg gccgggagcc ggagcggcgg 180
42 aggagccggc agcagcggcg cggcgggctc caggcgaggc ggtcgacgct cctgaaaact 240
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48 gtctggatcc tgatcatcaa tgctgtggta ctgttgattt tattgagtgc cctggctgtat 420
50 ccggatcagt ataactttc aagtctgaa ctgggagggtg actttgaggatt catggatgat 480
52 gccaacatgt gcattgccat tgcgattttctt cttctcatga tcctgatatg tgctatggct 540
54 acttacggag cgtacaagca acgcgcagcc tggatcatcc cattcttctg ttaccagatc 600
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58 caggaataca tacggcaact gcctcctaatttccctaca gagatgatgt catgtcagtg 720
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79 gccccgcccc ctccccgtcc cccgcgtgc agccgtcgcc ttccggagcga agggtaccga 180
81 cccggcagaa gctcggagct ctcgggttat cgaggaggca ggcccgcggg cgacacggcg 240
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87 gaagatggtc ggcgccttggc cgggttcta ctccaaacagc tgctgttgt gctgccatgt 420
89 ccgcaccggc accatcctgc tcggcgtctg gtatctgatc atcaatgtcg ttgtactgtt 480
91 gattttattt agtgccttgg ctgatccggc tcagtataac tttcaagtt ctgaactggg 540
93 aggtgacttt gagttcatgg atgatgcca catgtgcatt gccattgcga ttcttcttct 600
95 catgatcctg atatgtgcta tggctactta cggagcgtac aagcaacgcg cagctggat 660
97 catccattt ttctgttacc agatcttga ctttgcctg aacatgttgg ttgaatcac 720
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107 ggtgctgcta ccccccgtatg atgatgccc acgtgtatgt gtcgttggcggc 1020
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134 gccccgcccc ctccccgtcc cccgcgtgc agccgtcgcc ttccggagcga agggtaccga 180
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140 gaggcggtcg acgctcctga aaacttgcgc gcgcgtcgcc gccactgcgc ccggagcgt 360
142 gaagatggtc ggcgccttggc cgggttcta ctccaaacagc tgctgttgt gctgccatgt 420
144 ccgcaccggc accatcctgc tcggcgtctg gtatctgatc atcaatgtcg ttgtactgtt 480
146 gattttattt agtgccttgg ctgatccggc tcagtataac tttcaagtt ctgaactggg 540
148 aggtgacttt gagttcatgg atgatgcca catgtgcatt gccattgcga ttcttcttct 600
150 catgatcctg atatgtgcta tggctactta cggagcgtac aagcaacgcg cagctggat 660
152 catccattt ttctgttacc agatcttga ctttgcctg aacatgttgg ttgaatcac 720
154 tgtgcttatt tatccaaact ccattcagga atacatacgg caactgcctc ctaattttcc 780
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158 tattagcatt atcttgactt ttaagggtta cttgattagc tttgttttgg actgttaccg 900
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166	cagacatctg	agcaatagtt	ctgttatttc	acttttgc	tgagcctctc	tgagcttgg	1140										
168	tgttgctgaa	atgctacttt	ttaaaattt	gatgttagat	tgaaaaactgt	agttttcaac	1200										
170	atatgc	tttgc	ctggAACACT	gtgatagatt	aactgttagaa	ttcttc	1260										
172	atataatggg	cttca	cttccctagg	cattgaaact	tccccc	aaat ctgatggacc	1320										
174	tagaagtctg	ctttgtacc	tgctgggccc	caaagttggg	cattttctc	tctgttccct	1380										
176	ctctttgaa	aatgtaaaat	aaaacccaaaa	atagacaact	ttttcttc	ag ccattccagc	1440										
178	atagagaaca	aaaccttatg	gaaacaggaa	tgtcaattgt	gtaatcatt	atttgc	1500										
180	gttaatagaa	gtccttatgt	atgtgttaca	agaatttccc	ccacaacatc	ctttatgact	1560										
182	gaagttcaat	gacagttgt	gttttgttgg	aaaggat	tttcttgc	tgatggacc	1620										
184	ccattagaaa	gcaccaggcc	gtgggagcag	tgaccatctg	ctgactgttc	tttgttgc	1680										
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196	tgtaaacatt	ttcagaaaaa	tgaggattgc	cttccttgc	tgcgtttt	accttgacta	2040										
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217					20			25				30					
220	Pro	Ala	Glu	Ala	Arg	Ser	Ser	Arg	Gly	Ile	Glu	Glu	Ala	Gly	Pro	Arg	
221					35			40				45					
224	Ala	His	Gly	Arg	Ala	Gly	Arg	Glu	Pro	Glu	Arg	Arg	Arg	Ser	Arg	Gln	
225					50			55				60					
228	Gln	Arg	Arg	Gly	Gly	Leu	Gln	Ala	Arg	Arg	Ser	Thr	Leu	Leu	Lys	Thr	
229					65			70				75			80		
232	Cys	Ala	Arg	Ala	Arg	Ala	Thr	Ala	Pro	Gly	Ala	Met	Lys	Met	Val	Ala	
233					85			90				95					
236	Pro	Trp	Thr	Arg	Phe	Tyr	Ser	Asn	Ser	Cys	Cys	Leu	Cys	Cys	His	Val	
237					100			105				110					
240	Arg	Thr	Gly	Thr	Ile	Leu	Leu	Gly	Val	Trp	Tyr	Leu	Ile	Ile	Asn	Ala	
241					115			120				125					
244	Val	Val	Leu	Leu	Ile	Leu	Leu	Ser	Ala	Leu	Ala	Asp	Pro	Asp	Gln	Tyr	
245					130			135				140					
248	Asn	Phe	Ser	Ser	Ser	Glu	Leu	Gly	Gly	Asp	Phe	Glu	Phe	Met	Asp	Asp	
249					145			150				155			160		
252	Ala	Asn	Met	Cys	Ile	Ala	Ile	Ala	Ile	Ser	Leu	Leu	Met	Ile	Leu	Ile	
253					165			170				175					
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260 Ile Pro Phe Phe Cys Tyr Gln Ile Phe Asp Phe Ala Leu Asn Met Leu
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264 Val Ala Ile Thr Val Leu Ile Tyr Pro Asn Ser Ile Gln Glu Tyr Ile
265      210          215          220
268 Arg Gln Leu Pro Pro Asn Phe Pro Tyr Arg Asp Asp Val Met Ser Val
269 225          230          235          240
272 Asn Pro Thr Cys Leu Val Leu Ile Ile Leu Leu Phe Ile Ser Ile Ile
273      245          250          255
276 Leu Thr Phe Lys Gly Tyr Leu Ile Ser Cys Val Trp Asn Cys Tyr Arg
277      260          265          270
280 Tyr Ile Asn Gly Arg Asn Ser Ser Asp Val Leu Val Tyr Val Thr Ser
281      275          280          285
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293 <211> LENGTH: 226
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304      20          25          30
307 Leu Ile Ile Asn Ala Val Val Leu Leu Ile Leu Leu Ser Ala Leu Ala
308      35          40          45
311 Asp Pro Asp Gln Tyr Asn Phe Ser Ser Ser Glu Leu Gly Gly Asp Phe
312      50          55          60
315 Glu Phe Met Asp Asp Ala Asn Met Cys Ile Ala Ile Ala Ile Ser Leu
316 65          70          75          80
319 Leu Met Ile Leu Ile Cys Ala Met Ala Thr Tyr Gly Ala Tyr Lys Gln
320      85          90          95
323 Arg Ala Ala Trp Ile Ile Pro Phe Phe Cys Tyr Gln Ile Phe Asp Phe
324      100         105         110
327 Ala Leu Asn Met Leu Val Ala Ile Thr Val Leu Ile Tyr Pro Asn Ser
328      115         120         125
331 Ile Gln Glu Tyr Ile Arg Gln Leu Pro Pro Asn Phe Pro Tyr Arg Asp
332      130         135         140
335 Asp Val Met Ser Val Asn Pro Thr Cys Leu Val Leu Ile Ile Leu Leu
336 145         150         155         160
339 Phe Ile Ser Ile Ile Leu Thr Phe Lys Gly Tyr Leu Ile Ser Cys Val
340      165         170         175
343 Trp Asn Cys Tyr Arg Tyr Ile Asn Gly Arg Asn Ser Ser Asp Val Leu
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347 Val Tyr Val Thr Ser Asn Asp Thr Thr Val Leu Leu Pro Pro Tyr Asp
348      195         200         205
351 Asp Ala Thr Val Asn Gly Ala Ala Lys Glu Pro Pro Pro Tyr Val

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/540,539

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Output Set: N:\CRF4\07112005\J540539.raw

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L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date